

Venn Extra Thinking

- Develops information processing; reasoning; sorting; creativity
- Use as a short starter/plenary activity or main task

How

A Venn diagram is a simple and effective way to sort objects according to different criteria. One or more rings each has a single criteria associated with it and objects are placed in the rings accordingly. When two rings overlap, objects with the feature of both rings are placed in the overlap. Here are ➡ **some variations** on the standard 2 ring Venn diagram using words as an **example** (One ring = two vowels; the other = a verb). Template below.

- ➡ **Reverse Venn** – think up objects that do not fit in either ring and place them outside both
 - Not 2 vowels and not a verb e.g. cat, sad, pin, creative
- ➡ **Inside Out Venn** – start with objects in the overlap and deduce possible ring criteria
 - look; stare; stroke (verbs with 2 vowels – but also seeing verbs vs touching verbs)
- ➡ **Mirror Venn** – Create and fill a Venn Diagram that's the opposite of the one you have
 - One ring = not 2 vowels; the other = not a verb – an alternative to Reverse Venn
- ➡ **Mr Ben Venn** – Transform both rings in the same way
 - Take any 1 letter from each word and remove those words that now don't fit (stroke – strok). Some words may stay in but move : look – loo; stare - star
- ➡ **Barbie & Ken Venn** – Make one ring the opposite of the other, then search for something to fit in the overlap – nothing should – but debates and serious thinking may begin!
 - One ring = verb, other ring = not a verb, but try: One ring = old, the other = young
- ➡ **Venn Venn** – Create a Venn Diagram within a Venn Diagram (take care with reality)
 - Inside the two vowels ring, add one ring for 5+ letters, overlapping one for place name

Extend

- Use the above ideas but now with three overlapping rings
- Create a Venn within a Venn within a Venn....overlap the overlaps

Simplify

- Use the above ideas (where possible) but with one ring and real objects
- Keep the two rings separate and then lead learners to the need for an intersection

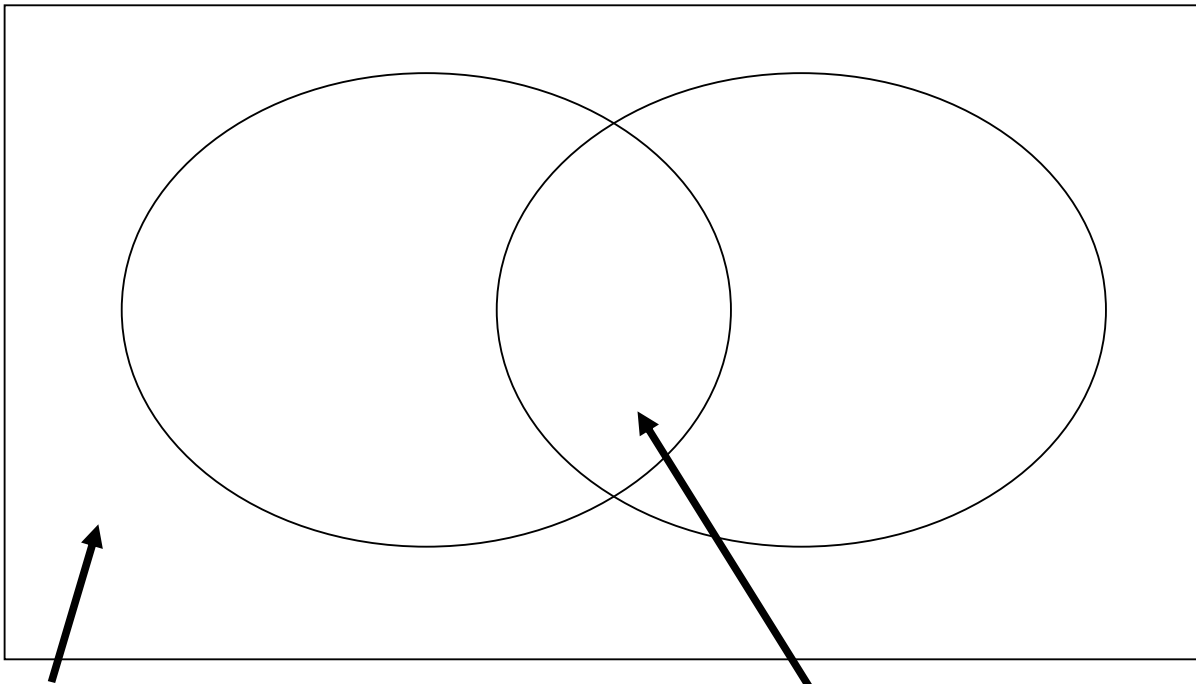
Apply

- **Maths** – Criteria for Numbers; Shapes; Units of Measure; Fractions
- **Language** – Criteria for Key Vocabulary; Spelling Words; Word Types; Books
- **Science** – Criteria for Chemical Symbols; Reactions; Forces; Plants & Animals
- **Geography** – Criteria for Places; Rivers; Services; Natural Features; Transport
- **History** – Criteria for Invaders; Historical Figures; Types of Evidence; Images
- **Music** – Criteria for Instruments; Styles; Composers; Sounds; Notes
- **Art** – Criteria for Colours; Materials; Artists; Media; Moods; Styles
- **PE** – Criteria for Sports; Sports People; Sports Equipment; Team Positions
- **PHSE/RE** – Criteria for Religious Books; Religious Leaders; Beliefs; Artefacts
- **DT** – Criteria for Gadgets; Innovations; Materials; Tools; Customers
- **AfL** – Criteria for Targets; Success Criteria; Methods of Recording; Achievements
- **MfL** – Criteria for Key Vocabulary; Common Phrases; Jobs; Questions
- **Parents** – Criteria for Toys; Treats; Tables Facts; Words to Learn; Christmas

- **Business** – Criteria for Customers; Employees; Products; Services; Skills; Marketing Ideas; Candidates; Office Environment; Ethical Working Practices

Notes & Ideas

I'm thinking about these things:



Reverse Venn – Objects that do not fit in either ring

Inside Out Venn – Start with objects only in the overlap - what are the rings?

Mirror Venn – Create and fill a Venn Diagram that's the opposite of the one you have

Mr Ben Venn – Do the same thing to each ring and re-sort/remove

Barbie & Ken Venn – Make one ring the opposite of the other; find something for the overlap

Venn Venn – Create a Venn Diagram within a Venn Diagram

